

FIGURE 1

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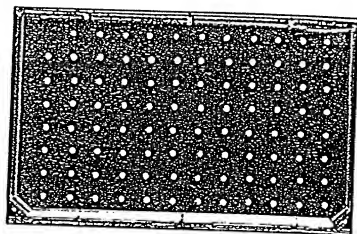
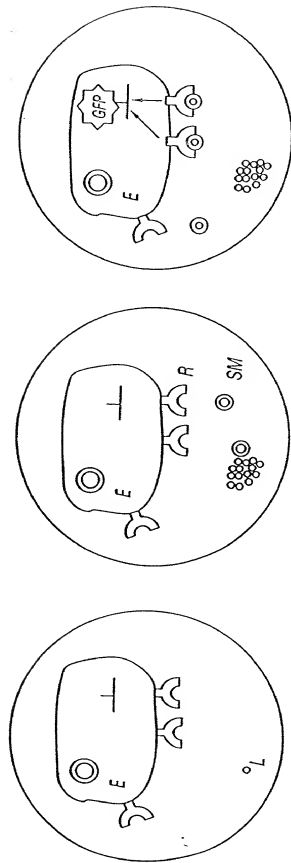


FIGURE 2

200220-9005260



Co-encapsulation

Library + Eukaryote

Growth and expression
of small molecule from hostReceptor binding of small
molecule & GFP reporting

E=Eukaryotic assay organism L=Large insert library SM=Small molecule
 GFP= Green fluorescent protein R=Eukaryotic receptor

FIGURE 3

209220-96057660

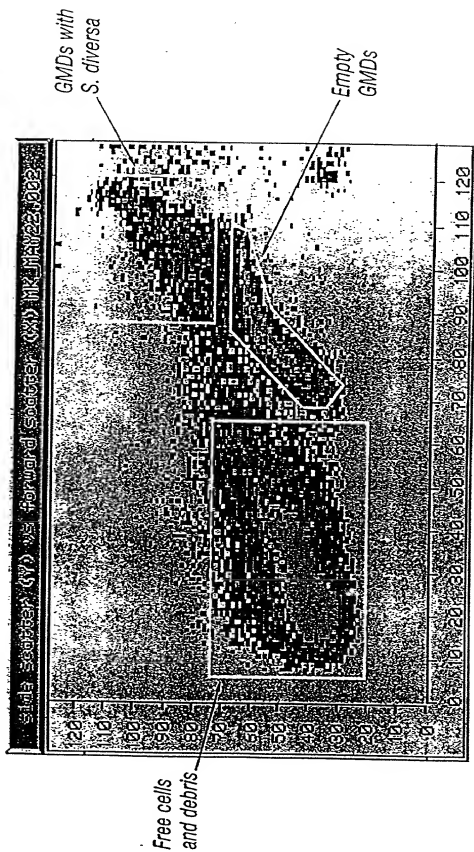
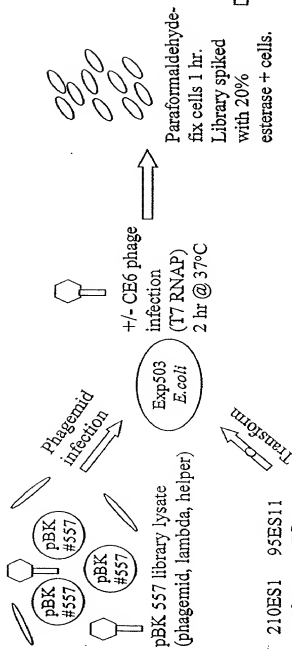


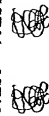
FIGURE 4

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Whole Cell Hybridization Protocol (+ control)



210ES1 95ES11



Genomic esterase clone

Hyb. with

- * Fluor-esterase
- 20-mer probe.
- 2 hr @ 46°C.
- Wash 30 min @ 48°C.

FIGURE 5

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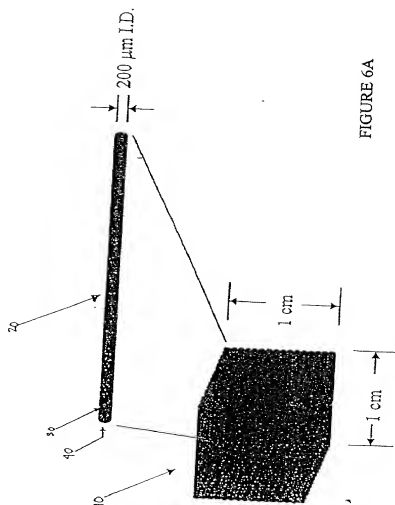


FIGURE 6A

09975036-022002

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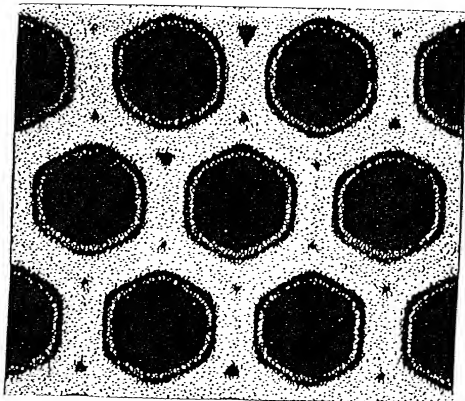


FIGURE 6B

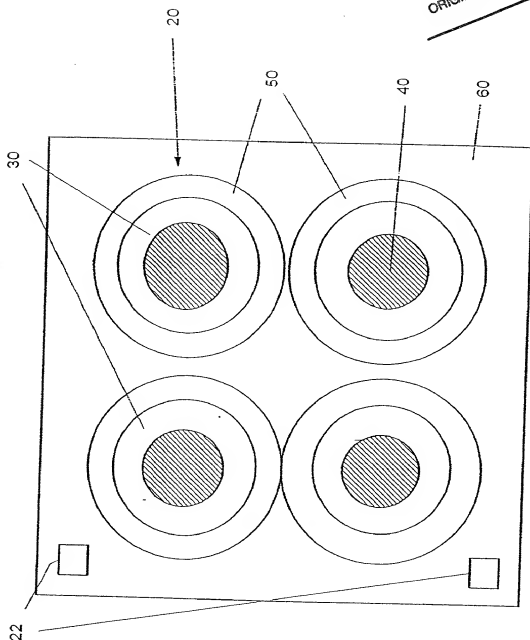
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FIGURE 7

COPY OF PATENT
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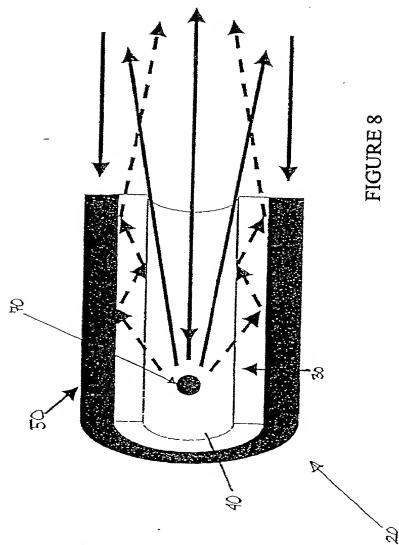


FIGURE 8

00975036 022800

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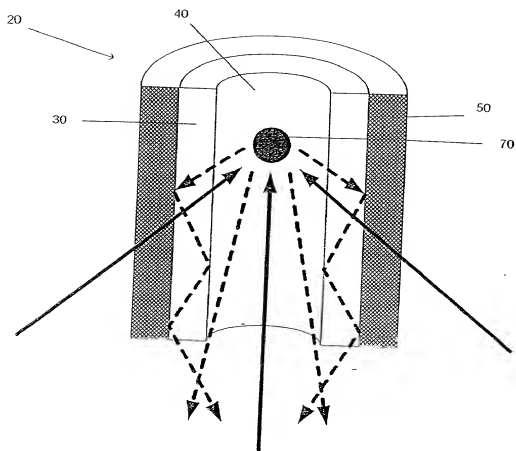


FIGURE 9

09075036-022802

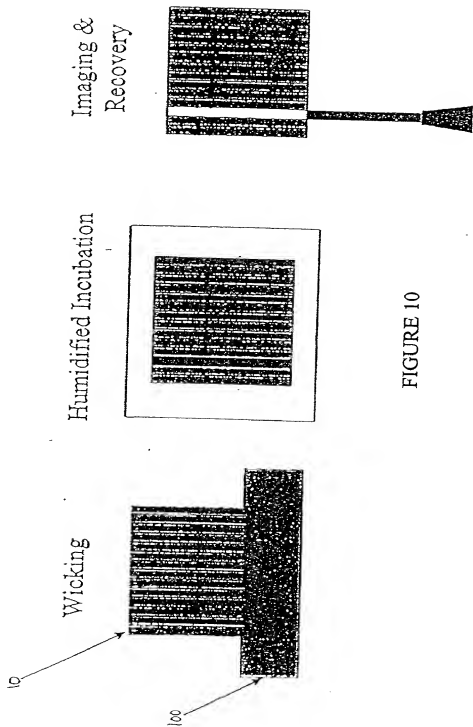


FIGURE 10

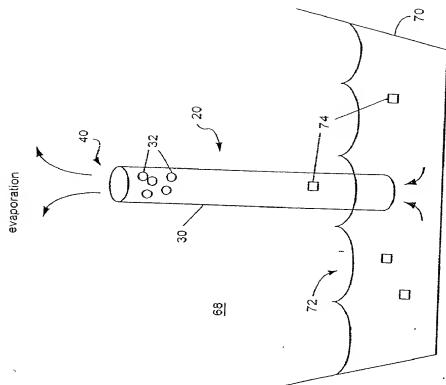


FIGURE 11

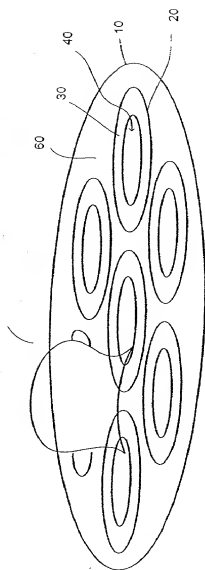


FIGURE 12A

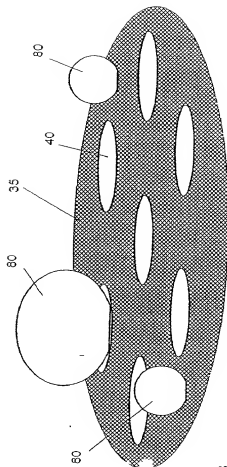
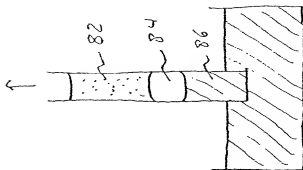


FIGURE 12B

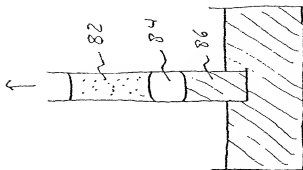
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A.



B.



C.

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FIGURE 13

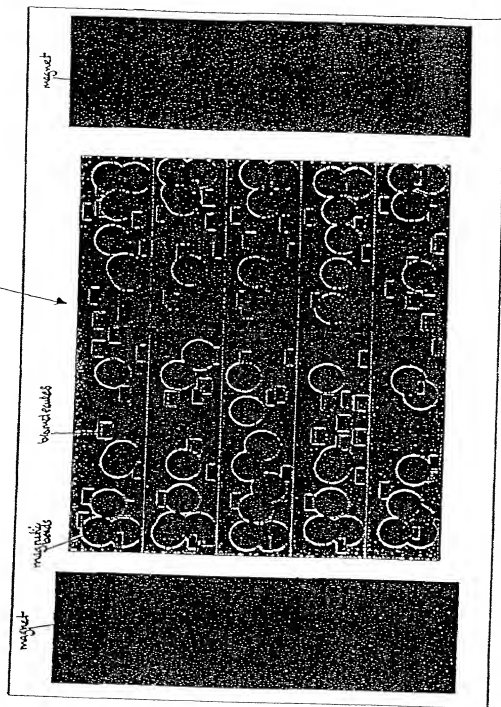
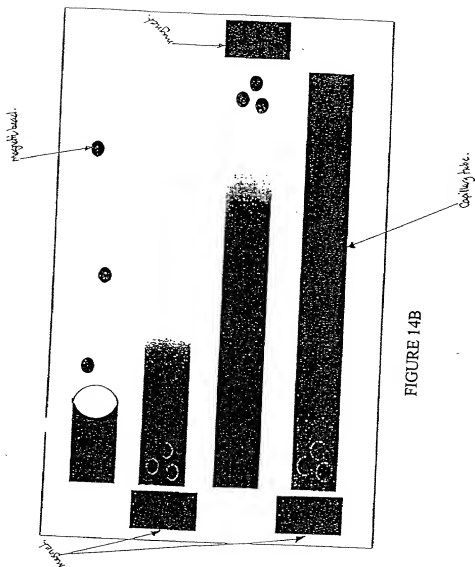


FIGURE 14A



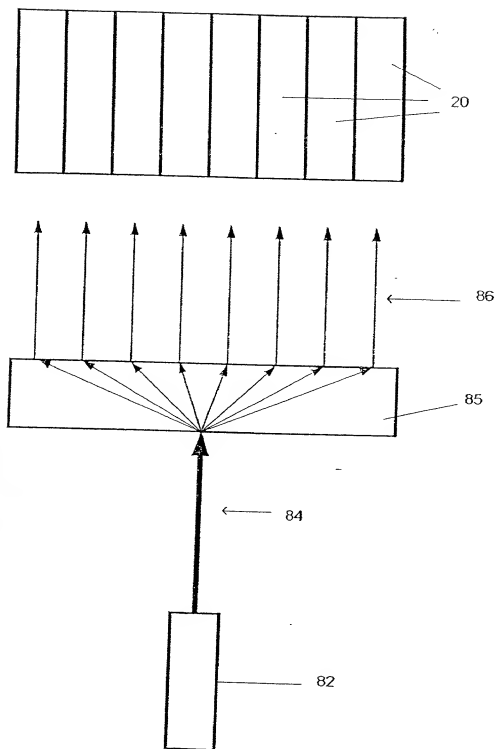


FIGURE 15

Automated Fil Detection & Recovery System

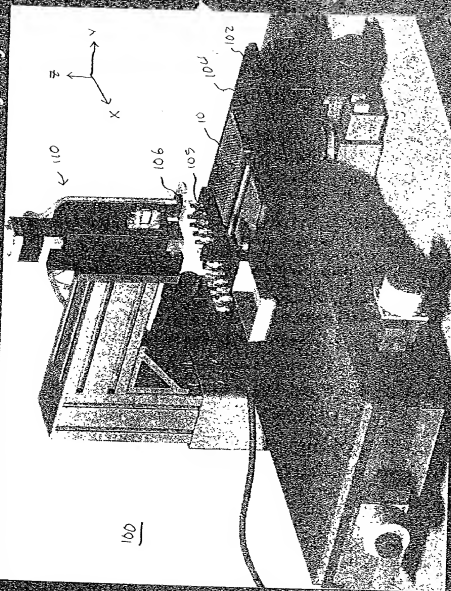
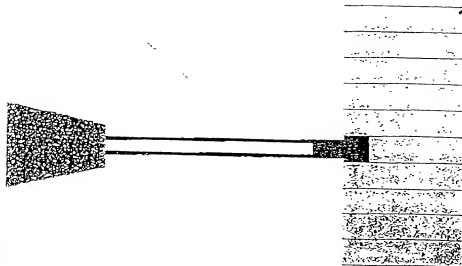


FIGURE 16

200220-90097660



FIGURE 17A



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FIGURE 17B

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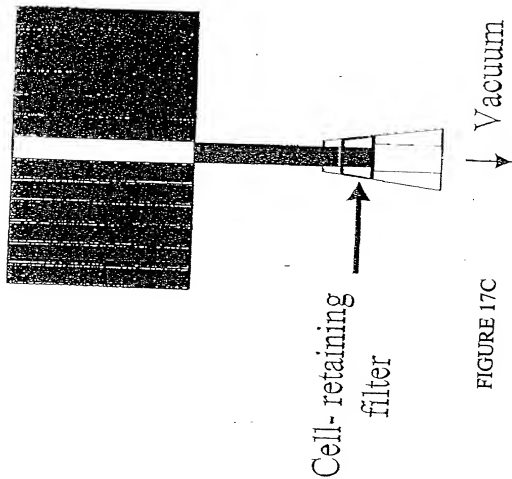


FIGURE 17C

200220-905660

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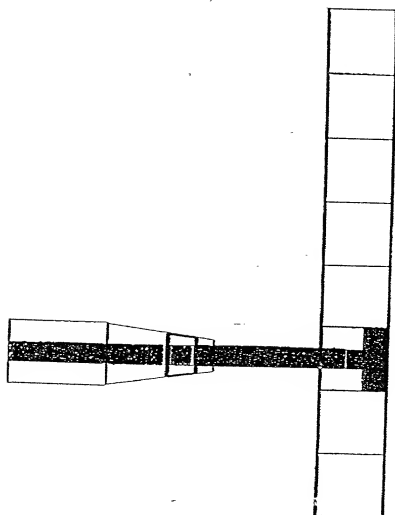


FIGURE 17D

HTP Enrichment of Low Copy Gene Targets

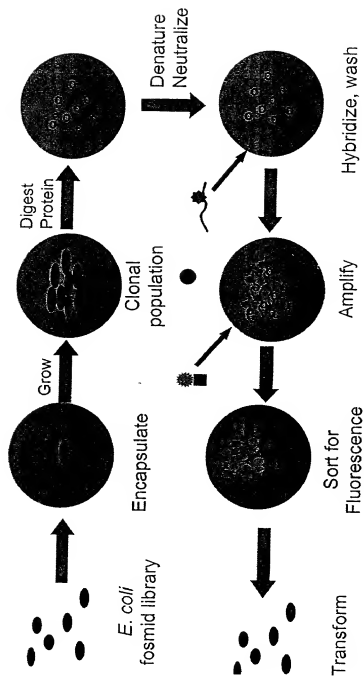


FIGURE 18

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Alignment of Environmental
PKS Sequence

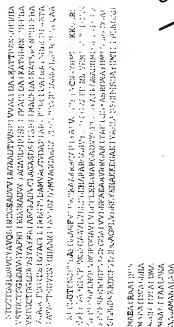
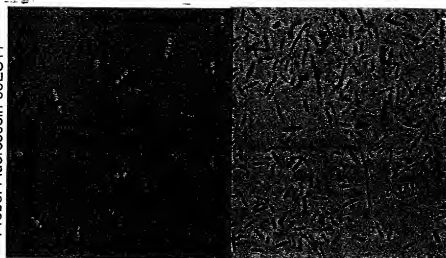


FIG. 19

Whole Cell Hybridization

Library 557 + 95ES11 clone

Probe: Fluorescein-95ES11

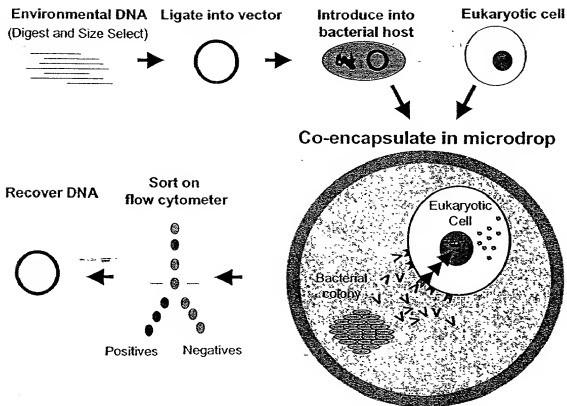


Fluorescein
Excitation

White
light

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FIG. 20



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FIG. 21

Whole Cell Hybridization Protocol

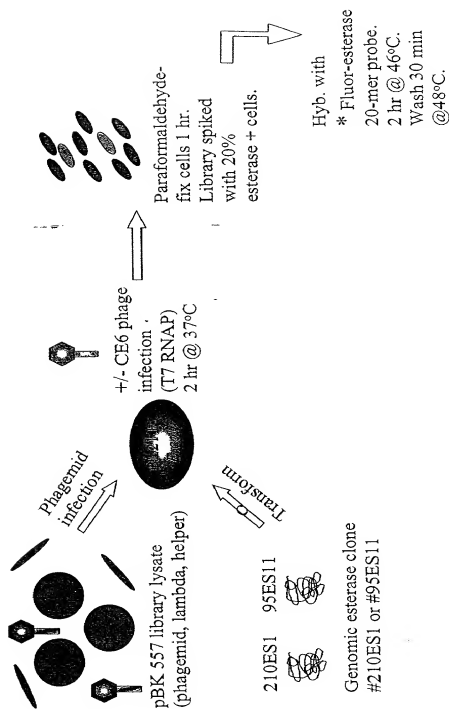


FIG. 22

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T7 RNA Polymerase Expression System

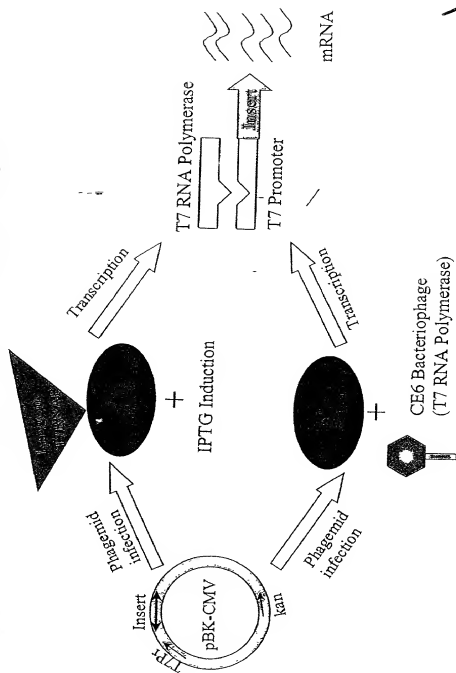


FIG. 23

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